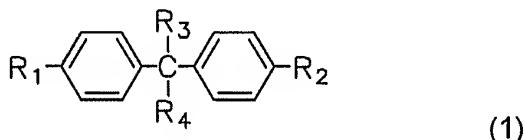


IN THE SPECIFICATION:

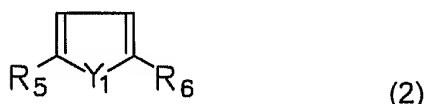
The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strike-through~~.

Please REPLACE the paragraph beginning at page 5, line 11, with the following paragraph:

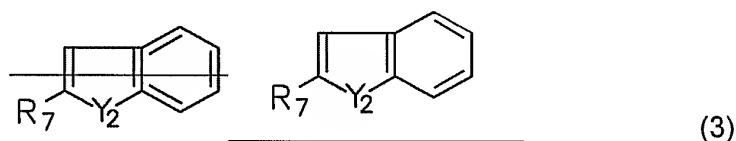
[0019] To accomplish the aspects of the present invention, the present invention provides an electrolyte for a lithium secondary battery, the electrolyte comprising a lithium salt; a non-aqueous organic solvent; and at least one additive compound selected from the group consisting of compounds represented by formulas (1) to (6):



where R₁ and R₂ are independently selected from the group consisting of a hydroxy, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₁ to C₆ alkoxy substituted with a halogen, C₁ to C₄ alkyl, a C₂ to C₄ alkenyl, a C₆ to C₁₄ aryl, a C₃ to C₆ cycloalkyl, a halogen-substituted alkyl group, an alkenyl group, an aryl group, a cycloalkyl group and a C₂ to C₆ alkenyl substituted with a halogen; and R₃ and R₄ are independently selected from the group consisting of a C₁ to C₆ alkyl and a C₆ to C₁₂ aryl, and a methyl;

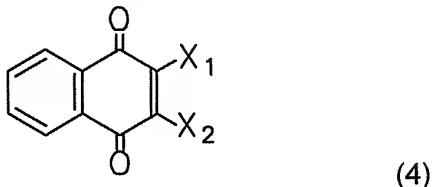


where Y₁ is selected from the group consisting of O, NR (where R is hydrogen, a C₁ to C₆ alkyl, a C₆ to C₁₂ aryl, or preferably 1-phenylsulfonyl), and S; and R₅ and R₆ are independently selected from the group consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₆ to C₁₂ aryl, and an acetyl, and preferably a methyl;

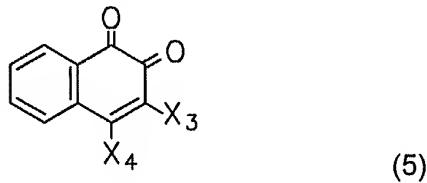


where Y₂ is selected from the group consisting of O, N, and S; and R₇ is selected from the group

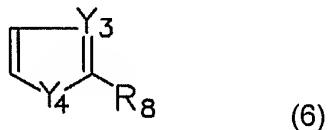
consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, and a C₆ to C₁₂ aryl;



where X₁ and X₂ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br;



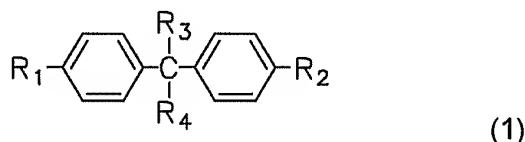
where X₃ and X₄ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br; and



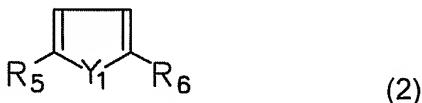
where Y₃ is selected from the group consisting of N, O, and S, and preferably N; Y₄ is NR' (where R' is hydrogen or a C₁ to C₆ alkyl), O, S, or preferably NH; and R₈ is selected from the group consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₆ to C₁₂ aryl, and an acetyl.

Please REPLACE the paragraph beginning at page 8, line 20, with the following paragraph:

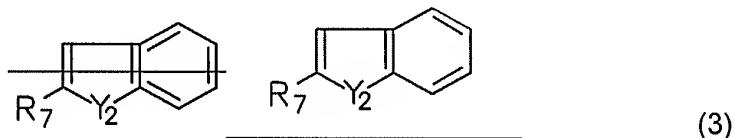
[0038] An electrolyte of the present invention is prepared by adding at least one compound from a group of additive compounds having the following formulas (1) to (6) to a non-aqueous solvent including lithium salts:



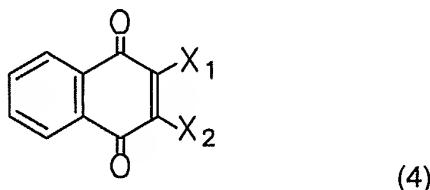
where R₁ and R₂ are independently selected from the group consisting of a hydroxy, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₁ to C₆ alkoxy substituted with a halogen, and a C₂ to C₆ alkenyl substituted with a halogen, and preferably a hydroxy; and R₃ and R₄ are independently selected from the group consisting of a C₁ to C₆ alkyl and a C₆ to C₁₂ aryl, and preferably a methyl;



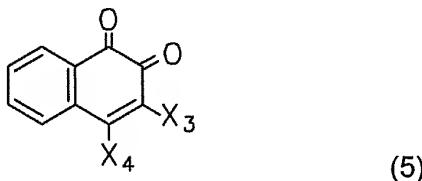
where Y₁ is selected from the group consisting of O, NR (where R is hydrogen, a C₁ to C₆ alkyl, a C₆ to C₁₂ aryl, or preferably 1-phenylsulfonyl), and S; and R₅ and R₆ are independently selected from the group consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₆ to C₁₂ aryl, and an acetyl, and preferably a methyl;



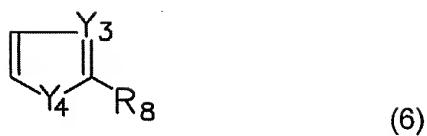
where Y₂ is selected from the group consisting of O, N, and S; and R₇ is selected from the group consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, and a C₆ to C₁₂ aryl;



where X₁ and X₂ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, preferably Cl or Br;



where X₃ and X₄ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br; and



where Y_3 is selected from the group consisting of N, O, and S, preferably N; Y_4 is NR' (where R' is hydrogen or a C₁ to C₆ alkyl), O, S, or preferably NH; and R_8 is selected from the group consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, a C₆ to C₁₂ aryl, and an acetyl.